



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Not Exact

Estimate - With a Good Guess

$$56 \div 10 \approx \underline{6}$$

$$> \underline{5} \quad < \underline{6}$$

$$28 \div 3 \approx \underline{9}$$

$$> \underline{9} \quad < \underline{10}$$

$$37 \div 6 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$73 \div 9 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$55 \div 12 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$59 \div 8 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$29 \div 8 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$69 \div 9 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$60 \div 7 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$33 \div 7 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$46 \div 5 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$14 \div 4 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$27 \div 4 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$29 \div 5 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$70 \div 12 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$94 \div 10 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$86 \div 11 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$23 \div 6 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$70 \div 11 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$68 \div 8 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$37 \div 8 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$102 \div 12 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$25 \div 4 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$71 \div 9 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

Name: _____



	+1	-1	+10	-10	+4	-4	+100
79							
40							
83							
36							
61							
125							
754							
387							
678							
862							

Name: _____

The wildlife researcher estimated that there were approximately 111 small mammals in each acre of the forest. Approximately how many small mammals would be in a forest of 114.4 acres?

Mr. Thompson brought 28 cookies to school. Two children ate 3 cookies each. Mr. Thompson made a wild guess that he had 23 cookies left. How many cookies did he really have left?

Emily invited her friends over to celebrate her birthday. She has 37 boxes of strawberry sour mints to give her friends. In their goodie bags she gave them each 3 boxes of strawberry sour mints. She has 16 boxes left. How many goodie bags did she make?

Robert tried to write out the number for 6,104,030. He wrote six billion one hundred four million thirty thousand. Is anything wrong?

Name: _____

Pam is 62 inches tall. Hannah is exactly 5 feet tall. Who is taller? By how much?

Anne, Rosa, and Kevin are the judges for the class yo-yo contest. They will each give a score from 0 to 10 for each performance. Justin was the first to go. After the performance Mrs. White adds up the score. Wow! Justin got the same score from all three judges for a total of 18. What score did each judge give him?

Name: _____

<p>Mrs. King took her best friend out for breakfast. They could choose either apple juice or orange juice to drink. They could choose bacon, ham, or sausage to have with their eggs. Make a tree diagram to show how many different combinations they can have.</p>	<p>Connor wants to have fun on National Splurge Day. He is going to the Fun Park. He wants to ride the Terror Train 20 times! The Terror Train ride lasts 2 minutes and 12 seconds. If he rides it 20 times, how many minutes will he spend on the Terror Train?</p>	<p>Buzzy the Honeybee estimated that it takes 42 bees working for 8 days to make one pound of honey. If he is right, how many bees does it take to make 4 pounds of honey in the same number of days?</p>
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How do you know if a number is divisible by 4? Look at the last two digits of the number.

41,222,4 7 6 Is divisible by 4? Yes No

If Yes, fill in: $\div 4 =$ _____

Circle one: 41,222,476 is divisible by four 41,222,476 is not divisible by four

5,051,5 8 4 Is divisible by 4? Yes No

If Yes, fill in: $\div 4 =$ _____

Circle one: 5,051,584 is divisible by four 5,051,584 is not divisible by four

Which is smaller, $\frac{2}{3}$ or $\frac{1}{3}$?

Write two odd numbers that when added together equal the even number 10.

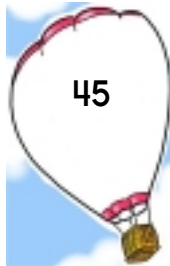
9 $\overline{)27}$

Name: _____

The sum of two whole numbers is twenty-four. The difference between the two numbers is two. What are these two numbers?

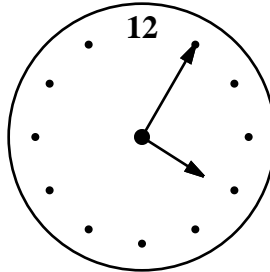
List the first five multiples of 11.

Can you think of a five-letter word that has the vowel E in it?

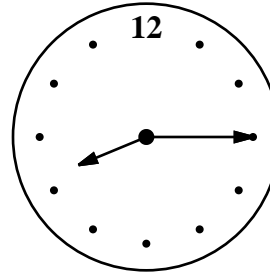


Write this number using words.

One side of a square measures eight centimeters. What is the area of this square?



current time (pm)



time party starts (pm)

How long until the party? _____

What place value does the 2 have in 28,639?

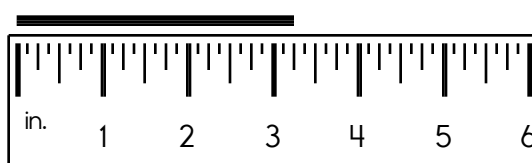
Round the number to the place value of the BIG number.

3,191,245

What is half of 38?

How many 7s are in 63?

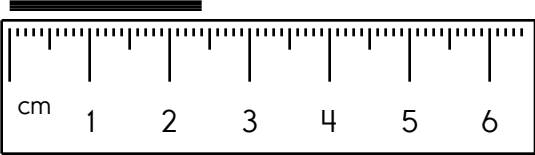
Write the length in inches.




$$\begin{array}{r} 85 \\ + 80 \\ \hline \end{array}$$

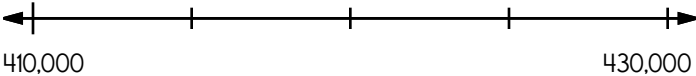
If $\square = 8$, then $\square + 3 =$ _____

Name: _____

<p>Write the length in centimeters.</p> <p>_____</p> 	<p>What are 10 _____ equal to?</p> <p>_____</p>	$\begin{array}{r} 83 \\ - 16 \\ \hline \end{array}$
	<p>What are the first three multiples of 7?</p> <p>_____</p>	

<p>Which number is greater: 0.3 or 0.32?</p> <p>_____</p>	<p>Write a fraction to represent what is shaded.</p>  <p>_____</p>
---	--

<p>Calculate the product of 9 and 7.</p> <p>_____</p>	<p>Here is a puzzle for you to solve. Draw coins to show eighty cents in three different ways. Use only half dollars, quarters, and dimes.</p>	$7 \overline{)42}$
<p>Which is longer: two feet or twenty-seven inches?</p> <p>_____</p>		

<p>Round 236 to the nearest hundred.</p> <p>_____</p>	<p>Locate where to put the number 420,000 and label the point J.</p> 
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$8 \times 12 = \underline{\hspace{2cm}}$	$6 \times 11 = \underline{\hspace{2cm}}$
--	--

<p>Complete each analogy with the best word.</p> <table border="1"> <tr> <td>nation</td> <td>delicious</td> <td>fresh</td> <td>choose</td> </tr> <tr> <td>veto</td> <td>produce</td> <td>poll</td> <td>junk food</td> </tr> </table>	nation	delicious	fresh	choose	veto	produce	poll	junk food	<p>In the number 592,348, what digit is in the hundreds place?</p> <p>_____</p>
nation	delicious	fresh	choose						
veto	produce	poll	junk food						
<p>healthy : nutritious ::</p> <p>unhealthy : _____</p>	<p>Do you use A.M. or P.M. to write 7:00 in the morning?</p> <p>_____</p>								
<p>address : speech ::</p> <p>vote : _____</p>									

Name: _____

$$\begin{array}{r} 62 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 156 \\ - 72 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 86 \\ \hline \end{array}$$

$$\begin{array}{r} 189 \\ - 94 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 157 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 108 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 153 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 108 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ - 80 \\ \hline \end{array}$$

$$\begin{array}{r} 129 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 168 \\ - 98 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 79 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} 109 \\ - 86 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 73 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + \square \\ \hline \end{array}$$

$$26$$

$$\begin{array}{r} 47 \\ + 73 \\ \hline \end{array}$$

Name: _____

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 8 = 9$$

$$2, 12 = 14$$

$$3, 17 = 20$$

$$4, 20 = 24$$

Then

$$5, 25 = ?$$

If

$$8, 3 = 11$$

$$9, 7 = 16$$

$$10, 11 = 21$$

$$11, 14 = 25$$

Then

$$12, 19 = ?$$

Complete each pattern. Write what the rule is.

17, _____, _____, 29, 35, 44, 53, 65, 77, 92, 107, 125, 143, 164, 185, 209

35, 38, _____, 47, 53, _____, _____, 83, 95, 110, 125, 143, 161, 182, 203, 227

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

One set of sums has been done for you.

sum of 6 ↓	sum of 8 ↓			sum of 9 →			
		sum of 6 ↓	sum of 5 →	1	2	2	
			sum of 7 →				
sum of 5 →				sum of 14 ↓	sum of 6 ↓	sum of 6 ↓	
sum of 10 ↓			sum of 8 →				
		sum of 5 ↓	sum of 10 ↓				sum of 7 ↓
	sum of 10 →						

sum of 6 ↓	sum of 6 ↓				sum of 6 ↓		
		sum of 9 ↓				sum of 7 ↓	sum of 9 ↓
				sum of 10 →			
				sum of 6 →	2	3	1
	sum of 8 →						
		sum of 5 →					
	sum of 5 →						
	sum of 10 →						

How many feet are in three yards?

Ava has 7 tomato plants.
Each plant has 3
tomatoes on it. How many
tomatoes are there in all?

$$\begin{array}{r} 87 \\ + 37 \\ \hline \end{array}$$

The factors of 10 are 1 _____ 10

What is a good estimate for
712 times 9?

Make a pattern.
Start with 25.
Subtract 4; add 5.
_____, _____, _____, _____, _____, _____

Would you use a ruler or a
yardstick to measure the
length of your room?

Write the ordinal number that
comes after eighty-seventh.

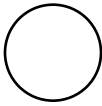
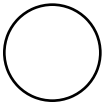
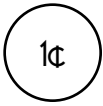
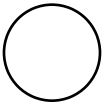
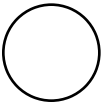
Circle the simple subject and
underline the simple predicate
in the following sentence.

Pears are related to apples.

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$37.24 using bills and coins.

				\$1
				

Show a different way to make \$37.24 using a different number of bills or coins.

Make \$36.52 using bills and coins.

Show a different way to make \$36.52 using a different number of bills or coins.

Write a word to describe July.

$$\begin{array}{r} 69 \\ + 55 \\ \hline \end{array}$$

Which reference material would you consult to find the answer to this question?

How do you pronounce the word "catastrophe"?

Name: _____

Mental Math

— #1 —

❖ Start with the number 807.

807

❖ Add the number of legs on 5 pigs.

4 4 6 0 8 2 7 6 1 1 (Circle your answer to double check you are correct.)

❖ Add the digits in your number. The sum of that is your new number.

8 0 1 7 5 5 7 0 3 2

❖ Add the number of cups in 1 quart.

7 1 8 3 6 9 2 1 1 2

❖ Add a dozen.

3 2 6 2 1 3 3 0 8 0

❖ Subtract 5.

4 2 8 8 8 0 3 8 5 7



Mental Math

— #2 —

☐ Start with the number of wheels on 3 cars.

1 2 4 6 9 5 6 1 2 6 (Circle your answer to double check you are correct.)

☐ Subtract 8.

8 1 2 4 1 6 3 6 4 3

☐ Add 5 hundreds.

1 0 7 2 8 2 5 0 4 1

☐ Round to the nearest hundred.

8 5 0 0 9 5 5 9 1 3

☐ Add the number of nickels in a dollar.

8 5 7 1 5 2 0 8 3 4

☐ Add 7 hundreds.

6 9 3 1 2 2 0 6 2 6



Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

1	4	1		
2	3	2		
1	4	1	3	2

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 4 2 3

2	3	1		
1	4	2		
2	3	1	4	1
1	4	2	3	2

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 3 1 2

3		3	2	3	2
		1	4		
2	3	2		2	3
4			1	4	1

Hint - These numbers are missing:

4 1 1 1 4 3 4 2

4	1		2		
	2	3	1	3	1
4			2	4	2
	2	3	1		1

Hint - These numbers are missing:

1 3 4 4 3 2 4 3

Name: _____

Fill in the missing numbers.

1		1		1
4			3	
	2		2	1
3	4	3		3
2	1	2	1	2

Hint - These numbers are missing:

4 4 1 4 1 3 2 2

1	2			1
	3			
2		2	1	
	4		4	3
1		1	2	1

	3		4		3	2
1	4	2	3	2		1
2					3	

Hint - These numbers are missing:

1 4 1 2 2 4 1 1 3

		1	3		3	2
1	3	2		2		1
		1	3	1		

Hint - These numbers are missing:

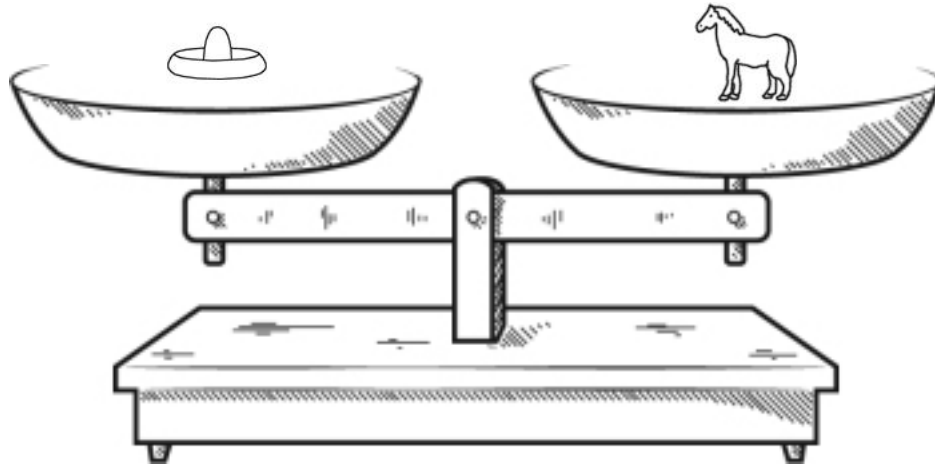
2 1 3 2 4 2 4 4 4

35, 42, _____, 59, 69,
80, 92, 105, 119, 134, 150



Is 41 a composite or a
prime number?


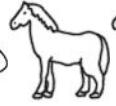




In the parking lot there are
11 vehicles. There are 3
SUVs. What fraction of the
vehicles are not SUVs?


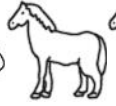

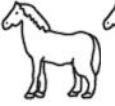
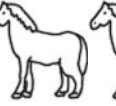

Name: _____


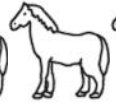
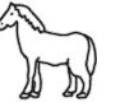

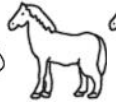









Look at the balance. What does it tell you? Write a sentence to explain.





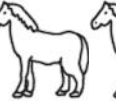
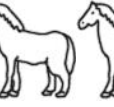
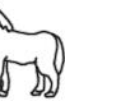
 = 
 True False
☐ ☐

    =  
 True False
☐ ☐

   =   
 True False
☐ ☐

   >   
 True False
☐ ☐

  =    
 True False
☐ ☐

   =    
 True False
☐ ☐

Did you find that two are true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

Circle the largest number.

636 362 592
 367 640 637

Name the polygon that has ten vertices.

Name: _____

Write the final part of each math analogy.

$3 + 3 + 3 + 3 : 3 \times 4 :: 4 + 4 + 4 + 4 + 4 + 4 + 4 :$

Explain why you think your answer is correct.

six sevens : 42 :: two sevens :

Explain why you think your answer is correct.

six tens and seven ones : 67 :: nine tens and five ones :

Explain why you think your answer is correct.

born in 2014 : 6 candles on birthday cake in 2020 :: born in 2015 :

Explain why you think your answer is correct.

Explain why you think your answer is correct.
three sixths of twelve : 6 :: one half of twelve :

4,855 : 5,000 :: 8,387 :

Explain why you think your answer is correct.

Name: _____

What is the rule for each pattern?

35, 4, 47, 9, 59, 14, 71, 19, 83, _____, _____, 29, 107

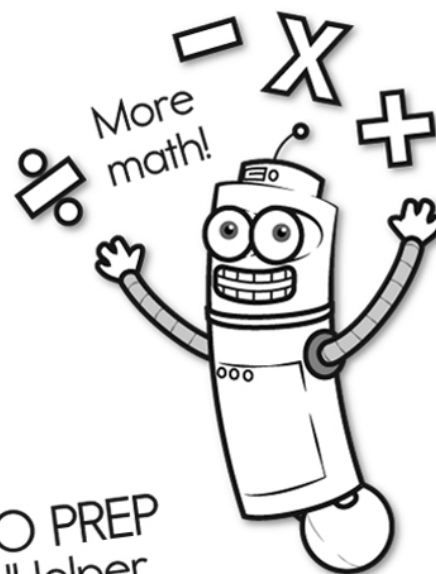
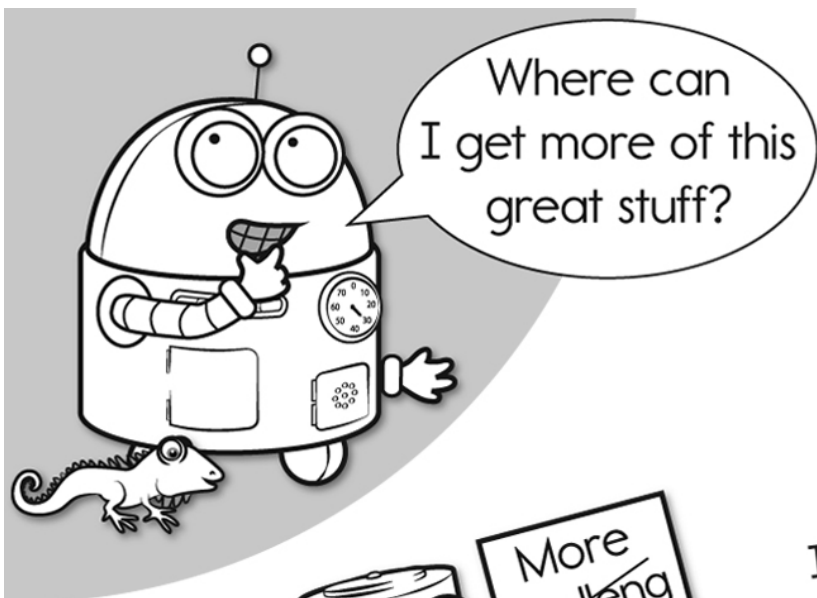
7, 31, 10, 37, 13, 43, 16, 49, 19, 55, _____, _____

26, 6, 36, 13, 46, _____, _____, 27, 66, 34, 76, 41, 86, 48

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

73992, 39927, 99273, 92739, _____, _____, 39927,
99273, 92739, 27399, 73992, 39927, 99273, 92739

215411, 154112, _____, _____, 112154, 121541, 215411,
_____, _____, 411215, 112154, 121541, 215411, 154112

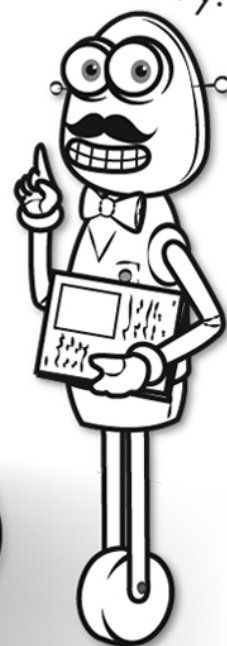


It's NO PREP at edHelper.

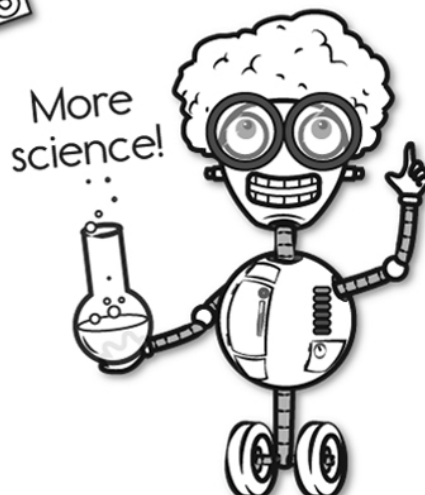
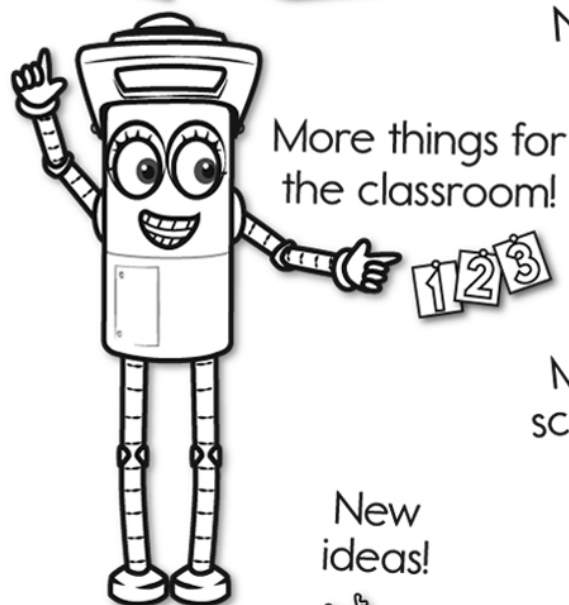
More history!



edHelper.com!



New online math games!



New ideas!



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More puzzles!

